

*RCPGP National Conference – Seattle, WA  
September 19, 2012*

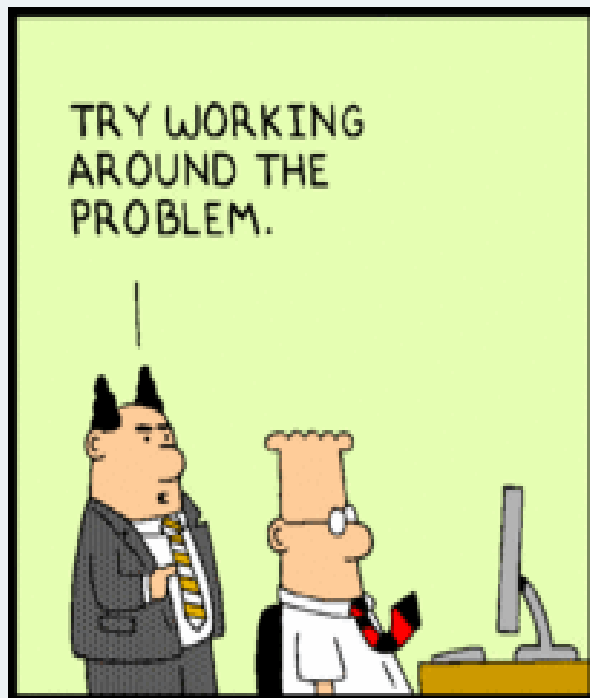


# **Collaborative Decision-Making**

## **Managing Information to Make Better Decisions During a Catastrophe**



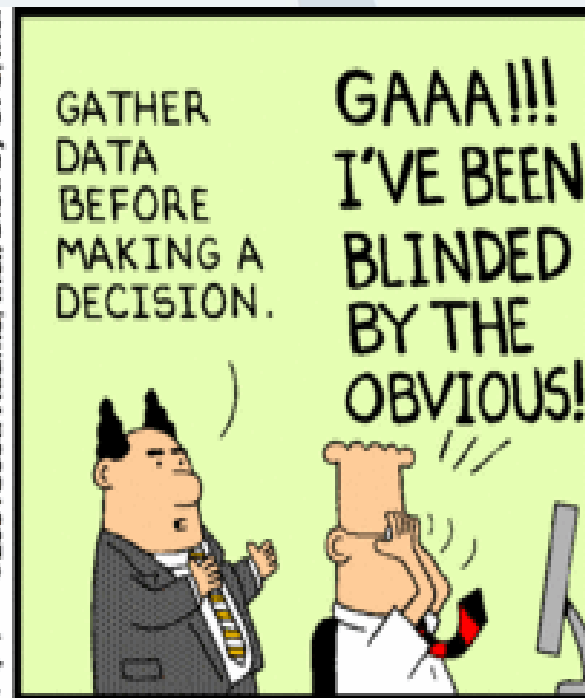
# “That was Easy”



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# Emergency Operations Center



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# Emergency Operations Center Missions

- ✓ Information Management
- ✓ Resource Management
- ✓ Consequence Management

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# EOC is Conduit for Information



**FIELD**



**Capital**



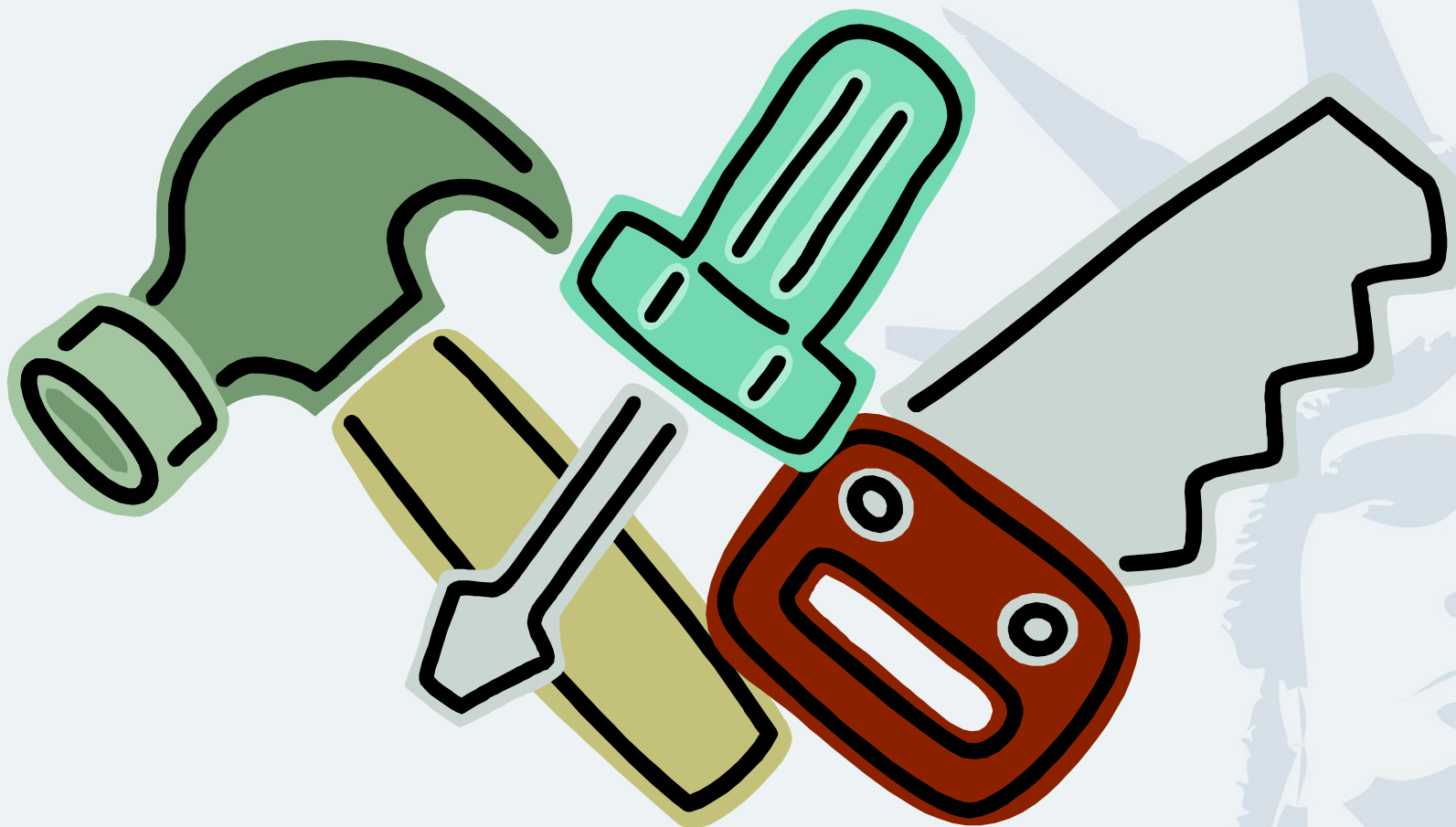
**EOC**

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# EOC Information Management Tools



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# Incident Data Forms

<b>Roadways, Bridges and Tunnels Interagency Task Force</b>				Date:		
<b>Quantitative Incident Data</b>		<b>Current Period</b> (Fill in collected data)	<b>Previous Period</b> (Fill in collected data)	<b>Trend</b> (Circle one)		
Major Highways	#			↑	↓	=
Arterial Roads Closed	%			↑	↓	=
Bridges Closed	#			↑	↓	=
Tunnels Closed	#			↑	↓	=
Pre-identified Evacuation Routes	#			↑	↓	=
Throughput	%			↑	↓	=
Detours marked/mapped	#			↑	↓	=
<b>Qualitative Incident Details (Fill in critical incident specific information)</b>						
Roadway Access Needs (Response):						
Roadway Access Needs (Citizens):						
Prioritized Repair Locations:						
Critical Intersections/Choke points:						
Major Delays/Traffic Issues:						
Comments / Other Critical Information:						



# Incident Data Forms

## Roadways, Bridges and Tunnels Interagency Task Force

Date:

Quantitative Incident Data		Current Period (Fill in collected data)	Previous Period (Fill in collected data)	Trend (Circle one)		
Major Highways	#			↑	↓	□
Arterial Roads Closed	%			↑	↓	□
Bridges Closed	#			↑	↓	□
Tunnels Closed	#			↑	↓	□
Pre-identified Evacuation Routes	#			↑	↓	□
Throughput	%			↑	↓	□
Detours marked/mapped	#			↑	↓	□



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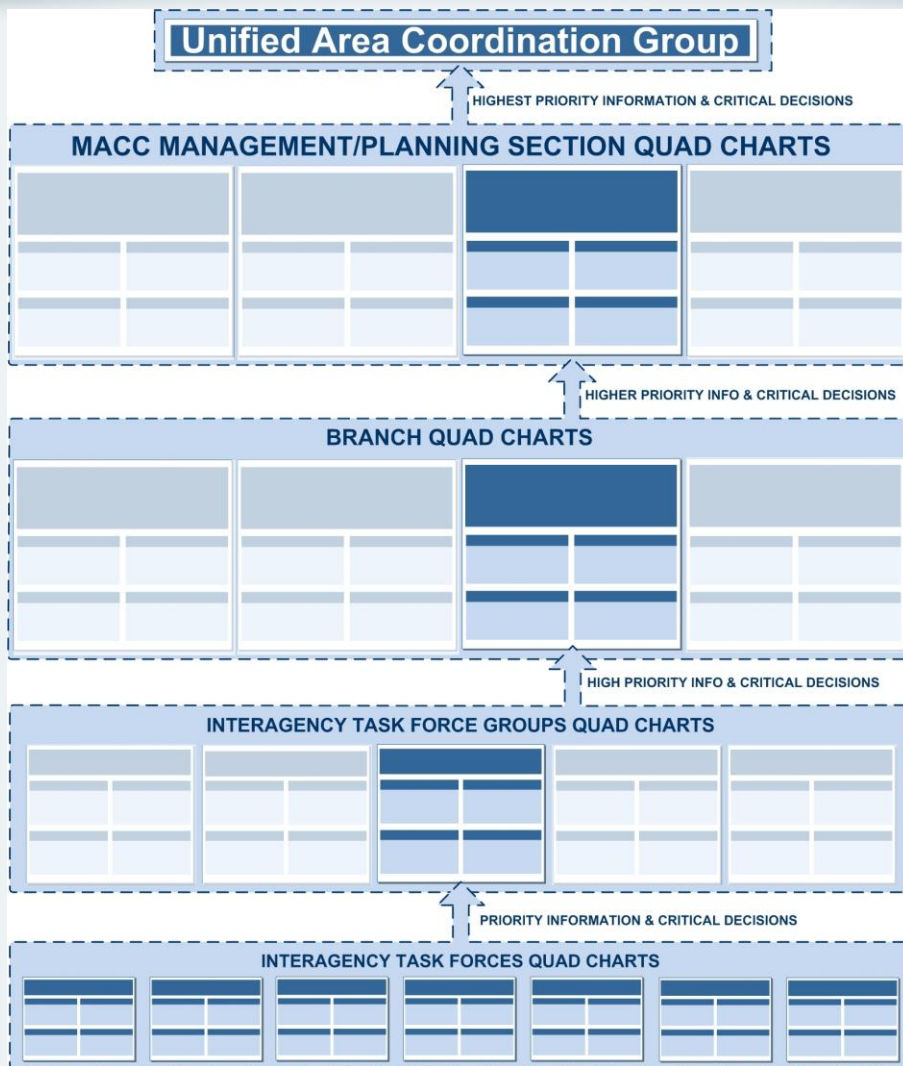


# Quad Chart

	Date/Time:	Completed by:
Current Actions (this operational period)		Planned Actions (next operational period)
Resources Needed		Decisions Needed/Issues to Resolve



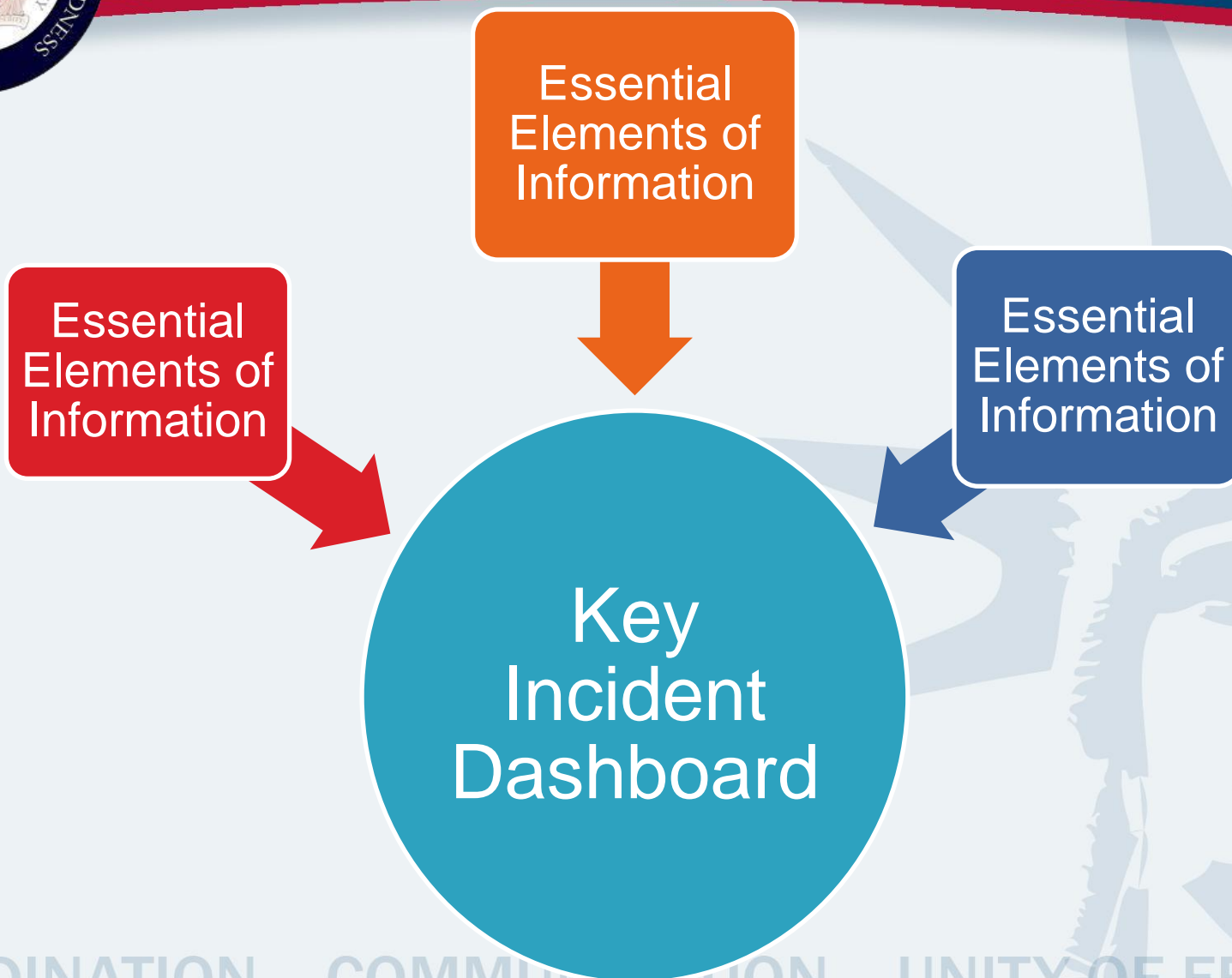
# Quad Chart



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# CAT- X



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# CAT-X

## Essential Elements of Information Data Input Sheet EEI-100

Jurisdiction:		Wind Speed:	
Incident Name:		Wind Direction:	
Date (00/00/0000):		24 Hr HIGH:	
Time:		24 Hr LOW:	
Operational Period:		Humidity:	
Op Period Duration:		Visibility:	

**NY-NJ-CT-PA**  
**Essential Elements of Information**  
**Data Input Sheet**  
**(Feeds all other sheets)**



[PRINT PLAYBOOK](#)

[PRINT DATA INPUT SHEET](#)

1	Quad	Element	Current Period	Previous Period	Trend	Comments
2	<b>ESF 1 - Transportation</b>					
3	CI/KR & HLS	# Critical Roads closed			▶	
4	CI/KR & HLS	# Evacuation Routes closed			▶	
5	CI/KR & HLS	# Critical Bridges and Tunnels closed			▶	
6	CI/KR & HLS	# Critical Rail Lines closed			▶	
7	CI/KR & HLS	# Major Airfields closed			▶	
8	CI/KR & HLS	# Minor Airfields closed			▶	
9	CI/KR & HLS	Bus Lines Impacted			▶	
10	CI/KR & HLS	Subway Lines Impacted			▶	
11	CI/KR & HLS	Major Roads Impacted			▶	
12	CI/KR & HLS	Additional Resources Needed				
13	CI/KR & HLS	Specialized Resources Needed				

## KEY INCIDENT DATA DASHBOARD (Linked From Input Sheet)

Jurisdiction: 0			Incident Name: 0			
Date: 0-Jan-00		Time: 0:00:00	Operational Period: 0	24 Hr HI: 0	Humidity: 0%	Wind Speed: 0
		Op Period Duration: 0		24 Hr LOW: 0	Visibility: 0	Wind Direction: 0

CLOSE

OPEN



### Victims

Confirmed Dead	Prev.	Chg.	Injured	Prev.	Chg.	Missing	Chg.	Transported	Identified
0	0	▶	0	0	▶	0	▶	0	▶

CLOSE

OPEN



### Emergency Management/Planning

#### Emergency Operations Center

Agencies in EOC	0	▶
ESFs Activated	0	▶
Outside Resources needed?	0	

#### Planning Indicators (Curr/Previous/Chg)

Separate Field Incidents	0	0	▶
Evac or Shltr Directives	0	0	▶
Pct. Population Displace	0	0	▶

#### EOC Status

EOC Staff Resources Needed?	0
EOC Location Physically Accessible?	0
Comms Equipment Operable?	0

CLOSE

OPEN



### Special Operations

Team	Total	Prev.	Chg.	Type I	Type II	Type III	Type IV	Team	Total	Prev.	Chg.	Type I	Type II	Type III	Type IV
HazMat	0	0	▶	0	0	0	0	Bomb	0	0	▶	0	0	0	0
USAR	0	0	▶	0	0	0	0	SWAT	0	0	▶	0	0	0	0
SwiftWtr	0	0	▶	0	0	0	0	K9	0	0	▶	0	0	0	0
HighAng	0	0	▶	0	0	0	0								

CLOSE

OPEN



### Fire Fighting

#### Fire Personnel

Status	Curr.	Prev.	Chg.
In Service	0	0	▶
Available	0	0	▶

#### Casualties

Injured	0	▶
Missing	0	▶
Dead	0	▶

#### Field Incidents

Curr.	Prev.	Chg.
0	0	▶

#### Issues

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# KEY INCIDENT DATA DASHBOARD (Linked From Input Sheet)

Jurisdiction: 0

Operational Period: 0

Incident Name: 0

24 Hr HI: 0

Humidity: 0%

Wind Speed: 0

Date: 0-Jan-00

Time: 0:00:00

Cp Period Duration: 1

24 Hr LOW: 0

Visibility: 0

Wind Direction: 0

## Victims

Confirmed Dead	Prev.	Chg.	Injured	Prev.	Chg.	Missing	Chg.	Transported	Identified

## Emergency Management/Planning

Emergency Operations Center	Planning Indicators (Curr/Previous/Chg)	EOC Status
Agencies in EOC	Separate Field Incidents	EOC Staff Resources Needed?
ESFs Activated	Evac or Shelter Directives	EOC Location Physically Accessible?
Outside Resources needed?	Pct. Population Displaced	Comms Equipment Operable?

## Special Operations

Team	Total	Prev.	Chg.	Type I	Type II	Type III	Type IV	Team	Total	Prev.	Chg.	Type I	Type II	Type III	Type IV
HazMat								Bomb							
USAR								SWAT							
SwiftWtr								K9							
HighAng															

## Fire Fighting

Fire Personnel	Casualties	Field Incidents
Status: In Service Available	Injured Missing Dead	Curr. Prev. Chg.
Curr. Prev. Chg.		

## Law Enforcement

Law Enforcement Personnel	Casualties	Field Incidents
Status: In Service Available	Injured Missing Dead	Curr. Prev. Chg.
Curr. Prev. Chg.		

## Evacuation and Sheltering

Displaced - Prev - Change	Sheltered	Evac Rts. Open	No of Beds	# Shelters Open	Func Need Beds

## Public Health and Medical

Other Indicators (Curr/Previous/Chg)	Other Outages
Injured Being Treated	PSN Phone
PSOs open	Cell Phone
Adoptive Medical Resources Available	Satellite TV

## ELECTRICITY OUTAGE

RES: COM: Hrs to Restore	Other Outages
	PSN Phone
	Cell Phone
	Satellite TV

## WATER OUTAGE

RES: COM: Hrs to Restore	Other Outages
	PSN Phone
	Cell Phone
	Satellite TV

## Utilities

GAS OUTAGE	Other Outages
RES: COM: Hrs to Restr	PSN Phone
	Cell Phone
	Satellite TV

## Transportation

Other Outages	Other Outages
PSN Phone	Cable TV
Cell Phone	Internet
Satellite TV	

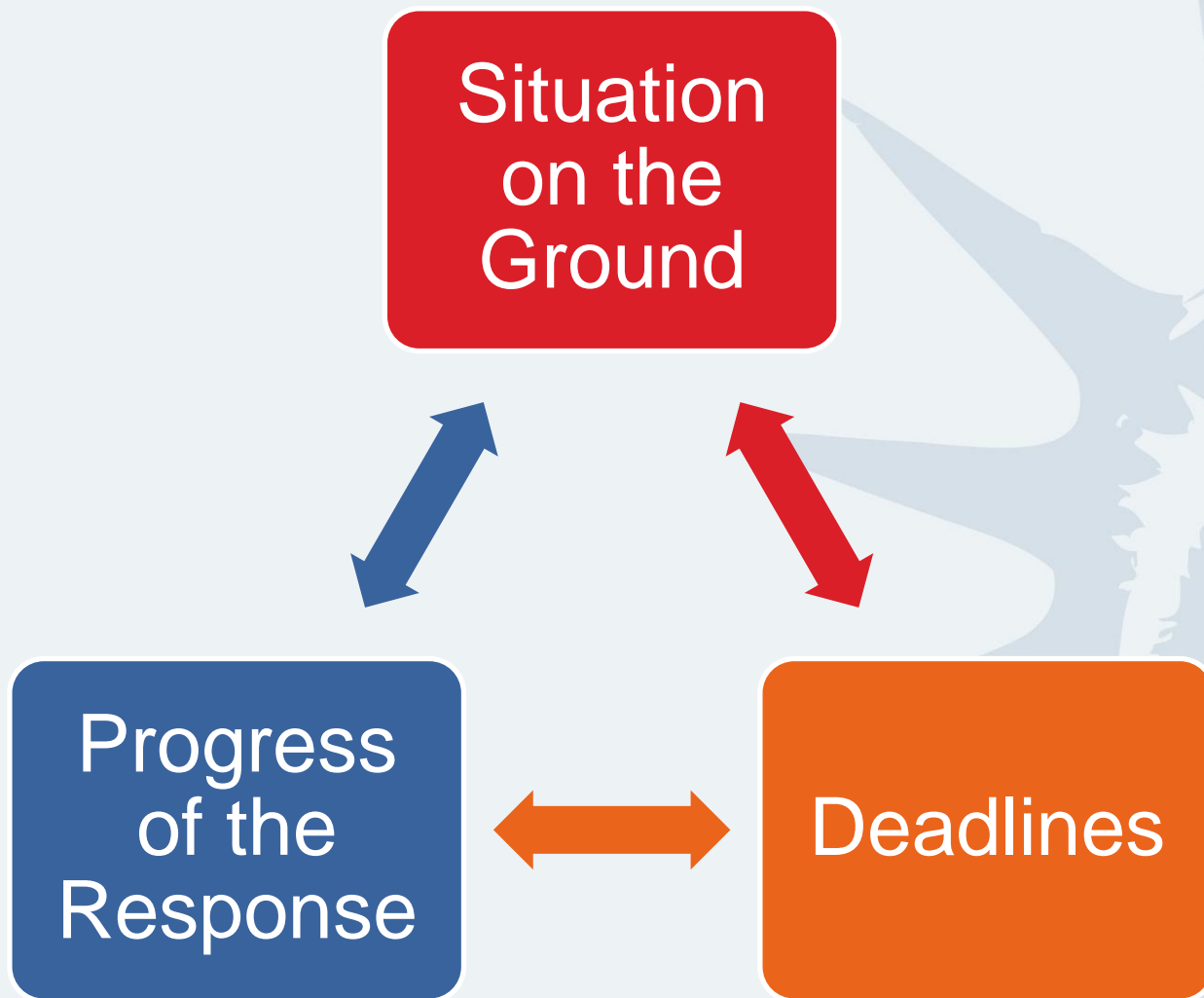
## Delays

Other Outages	Other Outages
PSN Phone	Cable TV
Cell Phone	Internet
Satellite TV	





# Executive Situational Awareness



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# Leaders Video



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# Information Management Best Practice Exchange

- What do **YOU** do in **YOUR** emergency operations center to manage information during a catastrophic event?
- How do you make sure **YOUR** boss has the right information to give to the public?



# Key Takeaways

- More data isn't necessarily better
- Understand the audience – different information is important to different levels of response
- Standardized tools like forms and charts help all responders understand how information will be passed/what to expect and ask for.



# Key Takeaways



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# Questions

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